Figure 4

CDC Competencies Covered by Programs According to Course Titles and Available Description

Note: The labeling of the competencies is based on the classification provided in Centers for Disease Control and Prevention and University of Washington’s Center for Public Health Informatics. *Competencies for Public Health Informaticians*. Atlanta, GA: US Department of Health and Human Services, Centers for Disease Control and Prevention, 2009. The competencies are as follows:

A. Supports development of strategic direction for public health informatics within the enterprise.
B. Participates in development of knowledge management tools for the enterprise.
C. Uses informatics standards.
D. Ensures that knowledge, information, and data needs of project or program users and stakeholders are met.
E. Supports information system development, procurement, and implementation that meet public health program needs.
F1. Manages IT operations related to project or program (for public health agencies with internal IT operations).
F2. Monitors IT operations managed by external organizations.
G. Communicates with cross-disciplinary leaders and team members.
H. Evaluates information systems and applications.
I. Participates in applied public health informatics research for new insights and innovative solutions to health problems.
J. Contributes to development of public health information systems that are interoperable with other relevant information systems.
K. Supports use of informatics to integrate clinical health, environmental risk, and population health.
L. Implements solutions that ensure confidentiality, security, and integrity while maximizing availability of information for public health.
M. Conducts education and training in public health informatics.